

Koichiro Shirota

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Orientation in Mixed Monolayers of Hemicyanine and Fatty Acid at an Air/Water Interface Studied by Second Harmonic Generation. Japanese Journal of Applied Physics, 1990, 29, 750-755.	1.5	35
2	Detection of Sphingomyelin Clusters by Raman Spectroscopy. Biophysical Journal, 2016, 111, 999-1007.	0.5	35
3	Photoinduced Intermolecular Electron Transfer in Liquid Solutions. Journal of Physical Chemistry A, 2004, 108, 6696-6703.	2.5	34
4	Two-photon lasing of dye-doped photonic crystal lasers. Applied Physics Letters, 2004, 84, 1632-1634.	3.3	28
5	Surface Orientation of Polyimide Alignment Layer Studied by Optical Second-Harmonic Generation. Japanese Journal of Applied Physics, 1995, 34, L316-L319.	1.5	27
6	Orientalional relationship among polyimide alignment layer, liquid crystal monolayer, and bulk pretilt angle. Applied Physics Letters, 1996, 69, 164-166.	3.3	25
7	Temperature Dependence of Molecular Orientation and Hyperpolarizability in Hemicyanine LB Films Studied by Second-Harmonic Generation. Japanese Journal of Applied Physics, 1990, 29, 913-917.	1.5	23
8	Surface Orientation of Cyanobiphenyl Liquid Crystal Monolayer and Pretilt Angle under Various Rubbing Strengths. Japanese Journal of Applied Physics, 1996, 35, 2275-2279.	1.5	21
9	Modified Crystal Rotation Method for Measuring High Pretilt Angle in Liquid Crystal Cells. Japanese Journal of Applied Physics, 1995, 34, 4905-4906.	1.5	20
10	Optical Switching of Antiferroelectric Liquid Crystal with Azo-Dye Using Photochemically Induced SmC A*-SmC* Phase Transition. Japanese Journal of Applied Physics, 1997, 36, L1035-L1037.	1.5	17
11	A weight averaged approach for predicting amide vibrational bands of a sphingomyelin bilayer. Physical Chemistry Chemical Physics, 2015, 17, 29113-29123.	2.8	13
12	Influence of Compression Processes on the Formation of H-Aggregates in Hemicyanine Monolayer on Water Surface. Japanese Journal of Applied Physics, 1991, 30, 362-365.	1.5	11
13	Orientation of Liquid Crystal Molecules on Side-Chain Polyimide Alignment Layer Studied by Second-Harmonic Generation Interferometry. Japanese Journal of Applied Physics, 1996, 35, 3971-3974.	1.5	9
14	Optical switching and alignment of antiferroelectric liquid crystals containing an azo group. Liquid Crystals, 2000, 27, 555-558.	2.2	7
15	Symmetry and orientational structure in hemicyanine monolayer by surface second harmonic generation and absorption spectroscopy. Thin Solid Films, 1992, 210-211, 699-701.	1.8	6